Network Camera

VB-S805D

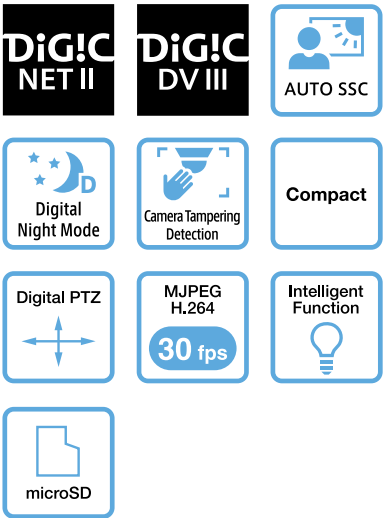
you can

Smart, HD Fixed Minidome camera in an ultra-compact body.

The Fixed Minidome is a HD network security camera with new ultra-compact lens technology. Ideal for indoor security in retail, education and business environments.

Key features

- HD at 30fps for clear, detailed images
- CMOS sensor delivers high performance in low light
- Wide angle F/1.6 Canon lens offers a 95° Angle of View
- Multi-streaming of MJPEG and H.264 video in HD or lower resolutions
- Direct recording/playback from MicroSD card (64GB)
- Comprehensive and intelligent in-built analytics
- Auto Smart Shade Control applies the optimum exposure for every environment
- ONVIF v2.2 and Profile S compliant
- Compact size: just 120mm in diameter and 54mm in height



NETWORK CAMERA

ONVIF S

Canon

VB-S805D

Specifications

CAMERA	
Image Sensor	1/3 type CMOS (primary colour filter)
Number of Effective Pixels	Approx. 1.3 million pixels
Scanning Method	Progressive
Lens	Fixed focal length lens (4x digital zoom)
Focal Length	2.7 mm
F-number	F1.6
Viewing Angle	Horizontal: 95.0° Vertical: 60.0°
Imaging Modes	Day Mode, Digital Night Mode (Auto/Manual/Scheduled)
Min. Subject Illumination	Day Mode (colour): 0.45 lux (F1.6, shutter speed 1/30 sec., smart shade control off, 50IRE) 0.03 lux (F1.6, shutter speed 1/2 sec., smart shade control off, 50IRE) 0.01 lux (F1.6, shutter speed 1/2 sec., smart shade control on, 50IRE) Digital Night Mode (monochrome): 0.25 lux (F1.6, shutter speed 1/30 sec., smart shade control off, 50IRE) 0.02 lux (F1.6, shutter speed 1/2 sec., smart shade control off, 50IRE) 0.007 lux (F1.6, shutter speed 1/2 sec., smart shade control on, 50IRE)
Shooting Distance (from front of lens)	0.5 m (1.6 ft.) – infinity
Shutter Speed	1, 1/2, 1/4, 1/8, 1/15, 1/30, 1/60, 1/100, 1/120, 1/250, 1/500, 1/1000, 1/2000, 1/4000, 1/8000, 1/16000 sec.
Exposure	Auto/Auto (Flickerless)/Auto (Shutter-priority AE)/Manual (Shutter Speed, Gain)
White Balance	Auto/Light Source (Daylight Fluorescent/White Fluorescent/ Warm Fluorescent/Mercury Lamp/Sodium Lamp/Halogen Lamp)/Manual (One-shot WB/R Gain/B Gain)
Metering Mode	Center-Weighted/Average/Spot
Exposure Compensation	9 levels
Smart Shade Control	Auto/Manual/Disable Auto: 3 levels (default setting) Manual: 7 levels [Brightens shaded areas of a video]
AGC Limit	5 levels
Pan Angle Range	350° (±175°)
Tilt Angle Range	90° (ceiling-mounted position: -90° – 0°) [When the horizontal direction of the camera is 0°]
Rotation Angle Range	180° (±90°)
SERVER	
Video Compression Method	JPEG, H.264
Video Size	JPEG, H.264: 1280 x 720, 640 x 360, 320 x 180 1280 x 960, 640 x 480, 320 x 240
Video Quality	JPEG, H.264: 5 levels
Frame Rate	JPEG: 0.1 – 30 fps H.264: 1/2/3/5/6/10/15/30 fps [Values represent streaming performance from the camera] [The frame rate may be reduced due to Viewer PC's specs, the number of clients accessing at the same time, network loads, video quality setting, type or movement of the subject or other reasons]
Max. Frame Rate	When streaming JPEG, H.264 (1280 x 960): 30 fps When used in the following combinations: When streaming H.264(1) (1280 x 960) and H.264(2) (1280 x 960) simultaneously: 15 fps When streaming H.264(1) (1280 x 720) and H.264(2) (1280 x 720) simultaneously: 15 fps
I-Frame Interval	0.5/1/1.5/2/3/4/5 sec.
Simultaneous Client Access	Max. 30 Clients + 1 Admin Client [H.264: Max. 10 Clients]
Camera Control	Administrator, Authorised user, Guest user (level of control varies depending on user) Max. 50 user names and passwords registered for Authorised users
Access Control	User authority (user name and password), Host Access Restrictions (IPv4, IPv6)
Encrypted Communications	SSL/TLS, IPsec (Auto Key Exchange/Manual)
IEEE 802.1X	EAP-MD5, EAP-TLS, EAP-TTLS, EAP-PEAP
Protocol	IPv4: TCP/IP, UDP, HTTP, FTP, SNMP (MIB2), SMTP (Client), DHCP (Client), DNS (Client), ARP, ICMP, POP3, NTP, SMTP authentication, RTSP, WV-HTTP (Canon proprietary), ONVIF IPv6: TCP/IP, UDP, HTTP, FTP, SMTP (Client), DHCPv6 (Client), DNS (Client), ICMPv6, POP3, NTP, SMTP authentication, RTSP, WV-HTTP (Canon proprietary), ONVIF
AutoIP	Available
Audio Compression Method	G.711 μ-law (64 kbps)
Audio Communication Method	Sound Transfer Protocol by Canon
Privacy Mask	Number of registration: Max. 8 places, Number of mask colours: 1 (select from 9 colours)

SERVER CONT.	
Preset	Max. 20 positions
Intelligent Function	Video: Detection Types: moving object detection, abandoned object detection, removed object detection, camera tampering detection, and passing detection Detection Settings: Max. 15 Volume: Volume Detection
Event Trigger Type	External Device Input, Timer, Intelligent Function (Video), Intelligent Function (Volume)
Image Upload	FTP/HTTP/SMTP (email). Temporary storage memory in camera: Max. approx. 5 MB, Frame Rate: Max. 10 fps (JPEG), Max. 30 fps (H.264)
Event Notification	HTTP/SMTP (email)
Camera Angle Setting	Available
Image Cropping Function	Digital PTZ Cropping sizes: 640 x 360/512 x 288/384 x 216/256 x 144/ 128 x 72/640 x 480/512 x 384/384 x 288/256 x 192/128 x 96
On-Screen Display	Available
Daylight Saving Time	Available
Custom Settings	Number of registers: 4 Items to Reg.: Exposure, Smart Shade Control, White Balance, Image Quality Adjustment, Day/Night
APPLICATION	
Viewer	Camera-side: Admin Viewer, VB Viewer Client-side: RM-Lite Viewer
Admin Tools	Privacy Mask Setting Tool, Preset Setting Tool, Intelligent Function Setting Tool, Log Viewer, Recorded Video Utility, Digital Zoom Setting Tool [Setting Page Function]
Included Software	VB Initial Setting Tool, Backup Tool, Restore Tool, Memory Card Unmount Tool, RM-Lite, Proxy Authentication Admin Tools/ Admin Viewer
Language	English/German/Spanish/French/Italian/Japanese
Operating Environment (PC specifications and OS does not apply to RM-Lite)	Recommended CPU: Intel Core i7-2600 Graphics Board: Not specified Memory: 2 GB or more Viewer Display: 1280 x 720 or more OS: Windows Vista Ultimate/Business/Enterprise/Home Premium SP2 32/64-bit Windows 7 Ultimate/Professional/Enterprise/Home Premium SP1 32/64-bit Windows 8/Windows 8 Pro/Windows 8 Enterprise 32/64-bit Windows Server 2008 Standard SP2 32/64-bit Windows Server 2008 R2 Standard SP1 64-bit Windows Server 2012 Standard 64-bit Web Browser: Internet Explorer 8/9/10 32-bit Runtime Libraries: .NET Framework 3.5 SP1 [When using Internet Explorer 8/9] .NET Framework 4.5 [When using Internet Explorer 10]
INTERFACE	
Network Terminal	LAN x 1 (RJ45, 100Base-TX (auto/full-duplex/half-duplex))
Audio Input Terminal (common for LINE IN & MIC IN)	ϕ3.5 mm (ϕ0.14 in.) mini-jack connector (monaural) Switch LINE IN/MIC IN in the setting page LINE IN x 1 (connect to an amplifier microphone) or MIC IN x 1 (connect to a microphone w/o amplifier)
External Device I/O Terminal	Input x 1, Output x 1
Memory Card	microSD Memory Card, microSDHC Memory Card, microSDXC Memory Card Compatible Frame Rate: Max. 1 fps (JPEG), Max. 30 fps (H.264)
OTHER	
Operating Environment	Temperature: -10°C – +50°C (+14°F – +122°F) Humidity: 5% – 85% (without condensation)
Power Supply	PoE: PoE power supply via LAN connector (IEEE802.3af compliant)
Power Consumption	Max. 4.1 W
Dimensions	(ϕ x H) ϕ120 x 54 mm (ϕ4.72 x 2.13 in.) [Excluding projections]
Weight	Approx. 240g (8.5 oz.)

All data is based on Canon standard testing methods except where indicated.
Subject to change without notice.

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